

## **Appendix 5.6**

### **Terrestrial Ecology Correspondence**

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# Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

November 15, 2001

Heather Rafferty  
Environmental Science Services, Inc.  
888 Worcester Street, Suite 240  
Wellesley, MA 02482

Re: Site off Shore Road  
Yarmouth, MA  
NHESP File: 01-9640

Dear Ms. Rafferty,

Thank you for contacting the Natural Heritage and Endangered Species Program for information regarding state-protected rare species in the vicinity of the above referenced site. I have reviewed the site and would like to offer the following comments.

Our database indicates that the site intersects Priority/Estimated Habitats PH1622/WH 7288, PH 1613/WH 7286, and PH 1564/WH 439 which contain the following species:

<u>Species</u>	<u>Taxon</u>	<u>Status</u>
<b>PH 1622/WH 7288</b>		
Comet Darner ( <i>Anax longipes</i> )	dragonfly	special concern
Inundated Horned-sedge ( <i>Rhynchospora inundata</i> )	plant	threatened
Long-beaked Horned-sedge ( <i>Rhynchospora scirpoides</i> )	plant	special concern
New England Bluet ( <i>Enallagma laterale</i> )	damselfly	special concern
Plymouth Gentian ( <i>Sabatia kennedyana</i> )	plant	special concern
Terete Arrowhead ( <i>Sagittaria teres</i> )	plant	special concern
Wright's Panic-grass ( <i>Dichanthelium wrightianum</i> )	plant	special concern
<b>PH 1613/WH 7286</b>		
Comet Darner ( <i>Anax longipes</i> )	dragonfly	special concern
Common's Panic-grass ( <i>Dichanthelium commonsonianum</i> )	plant	special concern
Mattamuskeet Panic-grass ( <i>Dichanthelium mattamuskeetense</i> )	plant	endangered
Plymouth Gentian ( <i>Sabatia kennedyana</i> )	plant	special concern
<b>PH 1564/WH 439</b>		
Long-beaked Bald-sedge ( <i>Rhynchospora scirpoides</i> )	plant	special concern
Plymouth Gentian ( <i>Sabatia kennedyana</i> )	plant	special concern



## Natural Heritage & Endangered Species Program

Route 135, Westborough, MA 01581 Tel: (508) 792-7270 x 200 Fax: (508) 792-7821  
An Agency of the Department of Fisheries, Wildlife & Environmental Law Enforcement  
<http://www.state.ma.us/dfwele/dfw/nhesp>

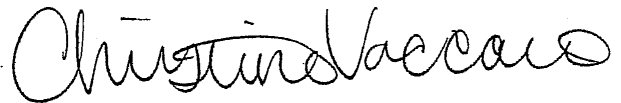
Pondshore Knotweed ( <i>Polygonum puritanorum</i> )	plant	special concern
Redroot ( <i>Lachmanthes carolina</i> )	plant	special concern
Terete Arrowhead ( <i>Sagittaria teres</i> )	plant	special concern
Water-willow Stem Borer ( <i>Papaipema sulphurata</i> )	moth	threatened
Wright's Panic-grass ( <i>Dichanthelium wrightianum</i> )	plant	special concern

These species are protected under the Massachusetts Endangered Species Act (M.G.L. c. 131A) and its implementing regulations (321 CMR 10.00) as well as the state's Wetlands Protection Act (M.G.L. c. 131, s. 40) and its implementing regulations (310 CMR 10.00). Fact sheets for most of these species can be found on our website at [www.state.ma.us/dfwele/dfw](http://www.state.ma.us/dfwele/dfw).

This evaluation is based on the most recent information available in the Natural Heritage database, which is constantly being expanded and updated through ongoing research and inventory. Should your site plans change, or new rare species information become available, this evaluation may be reconsidered.

Please do not hesitate to call me at (508)792-7270 x154 if you have any questions.

Sincerely,



Christine Vaccaro  
Environmental Review Assistant



# Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

June 17, 2002

Heather Rafferty Heater  
Environmental Science Services, Inc.  
888 Worcester Street, Suite 240  
Wellesley, MA 02482

**FILE**  
E159-

Re: Cape Wind Project  
Yarmouth, Mashpee, MA  
NHESP File: 01-9640

Dear Ms. Heater,

Thank you for contacting the Natural Heritage and Endangered Species Program for information regarding state-protected rare species in the vicinity of the above referenced site. I have reviewed the site and would like to offer the following comments.

Our database indicates that the site intersects Priority/Estimated Habitat PH 1684/WH 484, which has been delineated for the Least Tern (*Sterna antillarum*) and the Piping Plover (*Charadrius melodus*), a threatened species in Massachusetts. The project also intersects Priority/Estimated Habitat PH 1622/WH 7288, which has been delineated for the New England Bluet (*Enallagma laterale*), a species of special concern, Pine Barrens Bluet (*Enallagma recurvatum*), a threatened species, Comet Darner (*Anax longipes*), a species of special concern, Plymouth Gentian (*Sabatia kennedyana*), a species of special concern, Terete Arrowhead (*Sagittaria teres*), a species of special concern, Wright's Panic-grass (*Dichanthelium wrightianum*), a species of special concern, and the Long-beaked Bald-Sedge (*Rhynchospora scirpoides*), a species of special concern. These species are protected under the Massachusetts Endangered Species Act (M.G.L. c. 131A) and its implementing regulations (321 CMR 10.00) as well as the state's Wetlands Protection Act (M.G.L. c. 131, s. 40) and its implementing regulations (310 CMR 10.00). Fact sheets for most of these species can be found on our website at [www.state.ma.us/dfwele/dfw](http://www.state.ma.us/dfwele/dfw).

This evaluation is based on the most recent information available in the Natural Heritage database, which is constantly being expanded and updated through ongoing research and inventory. Should your site plans change, or new rare species information become available, this evaluation may be reconsidered.

Please do not hesitate to call me at (508)792-7270 x154 if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Christine MacCallum".



## Natural Heritage & Endangered Species Program

Field Headquarters, Westborough, MA 01581 Tel: (508) 792-7270, ext 200 Fax: (508) 792-7821

An Agency of the Department of Fisheries, Wildlife & Environmental Law Enforcement

<http://www.masswildlife.org>

Christine Vaccaro  
Environmental Review Assistant



# Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

September 4, 2002

Heather Rafferty Heater  
Environmental Science Services, Inc.  
888 Worcester Street, Suite 240  
Wellesley, MA 02482

**FILE**

Re: Cape Wind Project  
Barnstable, Mashpee, MA  
NHESP File: 01-9640

Dear Ms. Heater,

Thank you for contacting the Natural Heritage and Endangered Species Program for information regarding state-protected rare species in the vicinity of the above referenced site. I have reviewed the site and would like to offer the following comments.

Our database indicates that the site intersects the following Priority/Estimated Habitats:

<u>Species</u>	<u>Taxon</u>	<u>Status</u>
<b>PH 1684/WH 484</b>		
Least Tern ( <i>Sterna antillarum</i> )	bird	Special Concern
<b>PH 1615/WH 464</b>		
Comet Darner ( <i>Anax longipes</i> )	dragonfly	Special Concern
Pine Barrens Bluet ( <i>Enallagma recurvatum</i> )	damselfly	Threatened
New England Bluet ( <i>Enallagma laterale</i> )	damselfly	Special Concern
American Brook Lamprey ( <i>Lampetra appendix</i> )	fish	Special Concern
Eastern Pondmussel ( <i>Ligumia nasuta</i> )	mussel	Special Concern
Tidewater Mucket ( <i>Leptodea ochracea</i> )	mussel	Special Concern
Triangle Floater ( <i>Alasmidonta undulata</i> )	mussel	Special Concern
Northern Parula ( <i>Parula americana</i> )	bird	Threatened
Terete Arrowhead ( <i>Sagittaria teres</i> )	plant	Special Concern
Water-willow Stem-borer ( <i>Papaipema sulphurata</i> )	moth	Threatened
<b>PH 1609/WH 416</b>		
Plymouth Gentian ( <i>Sabatia kennedyana</i> )	plant	Special Concern
Pondshore Knotweed ( <i>Polygonum puritanorum</i> )	plant	Special Concern
Redroot ( <i>Lachnanthes carolina</i> )	plant	Special Concern
Terete Arrowhead ( <i>Sagittaria teres</i> )	plant	Special Concern
Torrey's Beak-sedge ( <i>Rhynchospora torreyana</i> )	plant	Endangered
Water-willow Stem-borer ( <i>Papaipema sulphurata</i> )	moth	Threatened



## Natural Heritage & Endangered Species Program

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<http://www.masswildlife.org>

**PH 1598/WH 7069**

Comet Darner ( <i>Anax longipes</i> )	dragonfly	Special Concern
Bushy Rockrose ( <i>Helianthemum dumosum</i> )	plant	Special Concern
Papillose Nut-sedge ( <i>Scleria pauciflora</i> )	plant	Endangered
Pondshore Knotweed ( <i>Polygonum puritanorum</i> )	plant	Special Concern
Redroot ( <i>Lachnanthes carolina</i> )	plant	Special Concern
Sandplain Flax ( <i>Linum intercursum</i> )	plant	Special Concern
Wright's Panic-grass ( <i>Dichanthelium wrightianum</i> )	plant	Special Concern

**PH 1604/WH 7283**

Coastal Barrens Buckmoth ( <i>Hemileuca maia</i> )	moth	Threatened
Water-willow Stem-borer ( <i>Papaipema sulphurata</i> )	moth	Threatened
Comet Darner ( <i>Anax longipes</i> )	dragonfly	Special Concern
Pine Barrens Bluet ( <i>Enallagma recurvatum</i> )	damselfly	Threatened
New England Bluet ( <i>Enallagma laterale</i> )	damselfly	Special Concern
Long-beaked Bald-sedge ( <i>Rhyncospora scirpoides</i> )	plant	Special Concern
Nantucket Shadbush ( <i>Amelanchier nantucketensis</i> )	plant	Special Concern
Philadelphia Panic-grass ( <i>Panicum philadelphicum</i> )	plant	Special Concern
Plymouth Gentian ( <i>Sabatia kennedyana</i> )	plant	Special Concern
Pondshore Knotweed ( <i>Polygonum puritanorum</i> )	plant	Special Concern
Redroot ( <i>Lachnanthes carolina</i> )	plant	Special Concern
Short-beaked Bald-sedge ( <i>Rhyncospora nitens</i> )	plant	Threatened
Slender Marsh Pink ( <i>Sabatia campanulata</i> )	plant	Endangered
Terete Arrowhead ( <i>Sagittaria teres</i> )	plant	Special Concern
Torrey's Beak-sedge ( <i>Rhyncospora torreyana</i> )	plant	Endangered
Wright's Panic-grass ( <i>Dichanthelium wrightianum</i> )	plant	Special Concern

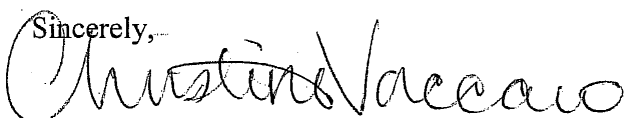
**PH 1564/WH 439**

Long-beaked Bald-sedge ( <i>Rhyncospora scirpoides</i> )	plant	Special Concern
Plymouth Gentian ( <i>Sabatia kennedyana</i> )	plant	Special Concern
Pondshore Knotweed ( <i>Polygonum puritanorum</i> )	plant	Special Concern
Redroot ( <i>Lachnanthes carolina</i> )	plant	Special Concern
Terete Arrowhead ( <i>Sagittaria teres</i> )	plant	Special Concern
Wright's Panic-grass ( <i>Dichanthelium wrightianum</i> )	plant	Special Concern
Water-willow Stem-borer ( <i>Papaipema sulphurata</i> )	moth	Threatened

These species are protected under the Massachusetts Endangered Species Act (M.G.L. c. 131A) and its implementing regulations (321 CMR 10.00) as well as the state's Wetlands Protection Act (M.G.L. c. 131, s. 40) and its implementing regulations (310 CMR 10.00). Fact sheets for most of these species can be found on our website at [www.state.ma.us/dfwele/dfw](http://www.state.ma.us/dfwele/dfw).

This evaluation is based on the most recent information available in the Natural Heritage database, which is constantly being expanded and updated through ongoing research and inventory. Should your site plans change, or new rare species information become available, this evaluation may be reconsidered.

Please do not hesitate to call me at (508)792-7270 x154 if you have any questions.

Sincerely,  


Christine Vaccaro  
 Environmental Review Assistant



MassWildlife

Commonwealth of Massachusetts

# Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

October 23, 2003

Rebecca Weissman  
ESS Group, Inc.  
889 Worcester Street, Suite 240  
Wellesley, MA 02482

Re: Cape Wind Project  
Barnstable and Yarmouth, MA  
**NHESP File: 01-9640**

Dear Ms. Weissman,

Thank you for contacting the Natural Heritage and Endangered Species Program (NHESP) of the MA Division of Fisheries & Wildlife (DFW) for information regarding state-protected rare species in the vicinity of the above referenced site. I have reviewed the site and would like to offer the following comments.

Our database indicates that the following protected rare species occur within Estimated and Priority Habitats in the vicinity of the site:

Scientific name	Common Name	Taxonomic Group	State Rank
<b>WH 7288/PH 1617</b>			
<i>Anax longipes</i>	Comet Darner	Dragonfly	SC
<i>Enallagma laterale</i>	New England Bluet	Damselfly	SC
<i>Enallagma pictum</i>	Scarlet Bluet	Damselfly	T
<i>Enallagma recurvatum</i>	Pine Barrens Bluet	Damselfly	T
<i>Dichanthelium wrightianum</i>	Wright's Panic-Grass	Vascular Plant	SC
<i>Rhynchospora inundata</i>	Inundated Horned-Sedge	Vascular Plant	T
<i>Rhynchospora scirpoides</i>	Long-Beaked Bald-Sedge	Vascular Plant	SC
<i>Sabatia kennedyana</i>	Plymouth Gentian	Vascular Plant	SC
<i>Sagittaria teres</i>	Terete Arrowhead	Vascular Plant	SC
Coastal plain pondshore	Coastal Plain Pondshore	Natural Community	
<b>WH 7286/PH 1605</b>			
<i>Anax longipes</i>	Comet Darner	Dragonfly	SC
<i>Dichanthelium commonsianum</i>	Commons's Panic-Grass		SC
<i>Dichanthelium mattamuskeetense</i>	Mattamuskeet Panic-Grass		E
<i>Sabatia kennedyana</i>	Plymouth Gentian	Vascular Plant	SC
<b>WH 199/PH1650</b>			
<i>Enallagma laterale</i>	New England Bluet	Damselfly	SC

*Original*  
[www.masswildlife.org](http://www.masswildlife.org)

Division of Fisheries and Wildlife

Field Headquarters, One Rabbit Hill Road, Westborough, MA 01581 (508) 792-7270 Fax (508) 792-7275

An Agency of the Department of Fisheries, Wildlife & Environmental Law Enforcement



<i>Enallagma pictum</i>	Scarlet Bluet	Damselfly	T
<i>Enallagma recurvatum</i>	Pine Barrens Bluet	Damselfly	T
<i>Papaipema sulphurata</i>	Water-Willow Stem Borer	Moth/Butterfly	T
<i>Dichanthelium wrightianum</i>	Wright's Panic-Grass	Vascular Plant	SC
<i>Lachnanthes caroliana</i>	Redroot	Vascular Plant	SC
<i>Polygonum puritanorum</i>	Pondshore Knotweed	Vascular Plant	SC
<i>Rhynchospora scirpoides</i>	Long-Beaked Bald-Sedge	Vascular Plant	SC
<i>Sabatia kennedyana</i>	Plymouth Gentian	Vascular Plant	SC
<i>Sagittaria teres</i>	Terete Arrowhead	Vascular Plant	SC
Coastal plain pondshore	Coastal Plain Pondshore	Natural Community	

#### PH 1595

<i>Enallagma laterale</i>	New England Bluet	Damselfly	SC
<i>Enallagma recurvatum</i>	Pine Barrens Bluet	Damselfly	T
<i>Anax longipes</i>	Comet Darner	Dragonfly	SC
<i>Hemileuca maia</i>	Barrens Buckmoth	Moth/Butterfly	SC
<i>Papaipema sulphurata</i>	Water-Willow Stem Borer	Moth/Butterfly	T
<i>Amelanchier nantucketensis</i>	Nantucket Shadbush	Vascular Plant	SC
Coastal plain pondshore	Coastal Plain Pondshore	Vascular Plant	
<i>Dichanthelium wrightianum</i>	Wright's Panic-Grass	Vascular Plant	SC
<i>Lachnanthes caroliana</i>	Redroot	Vascular Plant	SC
<i>Panicum philadelphicum</i>	Philadelphia Panic-Grass	Vascular Plant	SC
<i>Polygonum puritanorum</i>	Pondshore Knotweed	Vascular Plant	SC
<i>Rhynchospora nitens</i>	Short-Beaked Bald-Sedge	Vascular Plant	T
<i>Rhynchospora scirpoides</i>	Long-Beaked Bald-Sedge	Vascular Plant	SC
<i>Rhynchospora torreyana</i>	Torrey's Beak-Sedge	Vascular Plant	E
<i>Sabatia campanulata</i>	Slender Marsh Pink	Vascular Plant	E
<i>Sabatia kennedyana</i>	Plymouth Gentian	Vascular Plant	SC
<i>Sagittaria teres</i>	Terete Arrowhead	Vascular Plant	SC

#### WH 466/PH 1650

<i>Charadrius melodus</i>	Piping Plover	Bird	T
<i>Sterna antillarum</i>	Least Tern	Bird	SC

#### WH 6/WH 2074/PH 1651

<i>Charadrius melodus</i>	Piping Plover	Bird	T
<i>Sterna antillarum</i>	Least Tern	Bird	SC

#### WH 7510/PH 1612

<i>Sterna hirundo</i>	Common Tern	Bird	SC
<i>Sterna dougallii</i>	Roseate Tern	Bird	E

Eastern Box Turtle (*Terrapene carolina*), a state-listed species of Special Concern, also occurs in the vicinity of the site. These species are protected under the Massachusetts Endangered Species Act (M.G.L. c. 131A) and its implementing regulations (321 CMR 10.00) as well as the state's Wetlands Protection Act (M.G.L. c. 131, s. 40) and its implementing regulations (310 CMR 10.00). Fact sheets for many of these species can be found on our website at [www.state.ma.us/dfwele/dfw](http://www.state.ma.us/dfwele/dfw).

Although there probably will be time of year restrictions associated with construction, we will require more detailed information about the project in order to make such an evaluation.

The upland cable route, as represented in your most recent letter, intersects WH 199/PH 1567, WH7286/PH 1605, WH 7288/PH 1617, and is located immediately adjacent to WH 7283/PH 1595. The submarine cable route is located almost entirely within WH 7510/PH 1612, designated as important foraging areas for Common and Roseate Terns. Least Terns are also found in and around Lewis Bay.

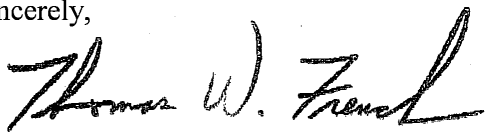
This evaluation is based on the most recent information available in the Natural Heritage database, which is constantly being expanded and updated through ongoing research and inventory. Should your site plans change, or new rare species information become available, this evaluation may be reconsidered.

Using the list of rare species provided above, we recommend that rare wildlife and/or plant surveys be conducted by qualified individuals within suitable habitats on and near the site according to scientifically accepted survey methodologies. A Rare Animal/Plant Observation Form, available at our website [www.masswildlife.org](http://www.masswildlife.org), should be submitted for each species encountered. If during this site evaluation rare species are found on or near the site, then site plans and a project description should be sent to NHESP Environmental Review to determine whether a probable "take" under the MA Endangered Species Act (G.L. c. 131A) would occur. If NHESP determines that the proposed project would "take" a rare species, and the site is greater than two acres, and within a Priority Habitat site, an Environmental Notification Form should be submitted pursuant to the MA Environmental Policy Act regulations (301 CMR 11.03(2)(b)(2)). If the project site does not occur within a Priority Habitat, but rare species have recently been found on or near the site, then site plans and a site description should be submitted for MESA review. A Conservation & Management Permit may be required for work in rare species habitat.

If the project site is within Estimated Habitat for Rare Wildlife and a Notice of Intent (NOI) is required, then a copy of the NOI must be submitted to the NHESP in a timely manner, so that it is received at the same time as the conservation commission. Using the species list provided above, the Resource Areas on the site should be evaluated as important wildlife habitat for state-protected species, focusing on those areas that provide feeding, breeding, over-wintering, shelter and migration functions. The project should be evaluated for compliance with the rare species performance standard, which is that there shall be no short or long-term adverse affects to the habitat (within Resource Areas)(310 CMR 10.37 and 10.59).

If you have any questions regarding this review, please contact Tom French, Assistant Director, at ext. 163.

Sincerely,

A handwritten signature in black ink, reading "Thomas W. French". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Thomas W. French, Ph.D  
Assistant Director



# United States Department of the Interior

FISH AND WILDLIFE SERVICE  
New England Field Office  
70 Commercial Street, Suite 300  
Concord, New Hampshire 03301-5087



**FILE**

September 25, 2002

Heather Rafferty Heater  
Environmental Science Service, Inc.  
888 Worcester Street, Suite 240  
Wellesley, Massachusetts 02482

Dear Ms. Heater:

This responds to your August 23, 2002 letter requesting supplemental information on the presence of federally-listed and proposed endangered or threatened species in relation to two upland cable routes for the Cape Wind Project in Yarmouth and Mashpee and terminating in Barnstable, Massachusetts. Our comments are provided in accordance with Section 7 of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531-1543).

As mentioned in our letter of July 10, 2002, the federally-listed threatened piping plover (*Charadrius melodus*) occurs on Popponesset Beach in Mashpee, Massachusetts (Mashpee Route). However, based on a review of our files, no federally-listed or proposed threatened or endangered species under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in or immediately adjacent to the upland cable route areas within the NSTAR rights-of-way. We suggest that you contact Pat Huckery or Dr. Scott Melvin of the Massachusetts Natural Heritage and Endangered Species Program, Route 135, Westborough, MA 01581, telephone (508) 792-7270, for information on state-listed species that may be present.

Thank you for your cooperation and please contact me at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Susanna L. von Oettingen  
Endangered Species Biologist  
New England Field Office



# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
New England Field Office  
70 Commercial Street, Suite 300  
Concord, New Hampshire 03301-5087

July 10, 2002

Heather Rafferty Heater  
Environmental Science Service, Inc.  
888 Worcester Street, Suite 240  
Wellesley, Massachusetts 02482

Dear Ms. Heater:

This responds to your June 4, 2002 letter requesting information on the presence of federally-listed and proposed endangered or threatened species in relation to two upland cable routes for the Cape Wind Project in Yarmouth and Mashpee, Massachusetts. Our comments are provided in accordance with Section 7 of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531-1543).

Based on a review of our files, we have determined that the federally-listed threatened piping plover (*Charadrius melodus*) occurs on Popponesset Beach in Mashpee, Massachusetts (Alternative Landfall and Cable Route). Three pairs of piping plovers nested on this beach in 2001. You should contact Dr. Scott Melvin of the Massachusetts Natural Heritage and Endangered Species Program, Route 135, Westborough, MA 01581, telephone (508) 792-7270, for current nesting information. Should the Alternative Landfall and Cable Route be selected, please contact this office for additional consultation.

No other federally-listed or proposed threatened or endangered species under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the two project areas. However, we suggest that you contact Pat Huckery of the Massachusetts Natural Heritage and Endangered Species Program, Route 135, Westborough, MA 01581, telephone (508) 792-7270, for information on state-listed species that may be present.

A list of federally-endangered and threatened species in Massachusetts is included for your information. Thank you for your cooperation and please contact me at 603-223-2541 if we can be of further assistance.

Sincerely yours,

A handwritten signature in cursive script, reading "Susanna L. von Oettingen". The signature is written in dark ink and is positioned to the right of the typed name.

Susanna L. von Oettingen  
Endangered Species Biologist  
New England Field Office

Enclosure

**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES**  
**IN MASSACHUSETTS**

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>	<u>Distribution</u>
<b>FISHES:</b>			
Sturgeon, shortnose*	<u>Acipenser brevirostrum</u>	E	Atlantic coastal waters and rivers (Conn. R.)
<b>REPTILES:</b>			
Turtle, bog	<u>Clemmys muhlenbergii</u>	T	Berkshire County
Turtle, green*	<u>Chelonia mydas</u>	T	Oceanic straggler in southern New England
Turtle, hawksbill*	<u>Eretmochelys imbricata</u>	E	Oceanic straggler in Southern New England
Turtle, leatherback*	<u>Dermochelys coriacea</u>	E	Oceanic summer resident
Turtle, loggerhead*	<u>Caretta caretta</u>	T	Oceanic summer resident
Turtle, Atlantic ridley*	<u>Lepidochelys kempii</u>	E	Oceanic summer resident
Turtle, Northern red-bellied couler (Plymouth redbelly)	<u>Chrysemys rubriventris bangsi</u>	E	Plymouth & Dukes Counties
<b>BIRDS:</b>			
Eagle, bald	<u>Haliaeetus leucocephalus</u>	T	Nesting: Quabbin Res., Middleborough and along Conn. R.; entire state-migratory/wintering
Plover, piping	<u>Charadrius melodus</u>	T	Atlantic coast, nesting
Bird, roseate	<u>Sterna dougallii dougallii</u>	E	Atlantic coast/islands, nesting
<b>MAMMALS:</b>			
Whale, humpback*	<u>Myotis sodalis</u>	E	Berkshire County/historic
Whale, blue*	<u>Balaenoptera musculus</u>	E	Oceanic
Whale, finback*	<u>Balaenoptera physalus</u>	E	Oceanic
Whale, humpback*	<u>Megaptera novaeangliae</u>	E	Oceanic
Whale, right*	<u>Eubalaena</u> spp. (all species)	E	Oceanic
Whale, sei*	<u>Balaenoptera borealis</u>	E	Oceanic
Whale, sperm*	<u>Physeter catodon</u>	E	Oceanic
<b>MOLLUSKS:</b>			
Wedgemussel, dwarf	<u>Alasmidonta heterodon</u>	E	Hampshire, Franklin County
<b>INSECTS:</b>			
Beetle, Puritan tiger	<u>Cicindela puritana</u>	T	Hampshire County
Beetle, Northeastern beach	<u>Cicindela dorsalis dorsalis</u>	T	Dukes & Bristol Counties
Beetle, American burying	<u>Nicrophorus americanus</u>	E	Penikese & Nantucket Isl., reintroduced populations
<b>PLANTS:</b>			
Small whorled pogonia	<u>Isotria medeoloides</u>	T	Hampshire, Essex, Hampden, Worcester, Middlesex Counties
Sandplain gerardia	<u>Agalinus acuta</u>	E	Barnstable & Dukes Counties
Northeastern bulrush	<u>Scirpus ancistrochaetus</u>	E	Franklin County

Except for sea turtle nesting habitat, principal responsibility for these species is vested with the National Marine Fisheries Service  
Rev. 1/8/02



# United States Department of the Interior

FISH AND WILDLIFE SERVICE  
New England Field Office  
70 Commercial Street, Suite 300  
Concord, New Hampshire 03301-5087



September 10, 2003

Rebecca Weissman  
ESS Group, Inc.  
888 Worcester Street, Suite 240  
Wellesley, MA 02482

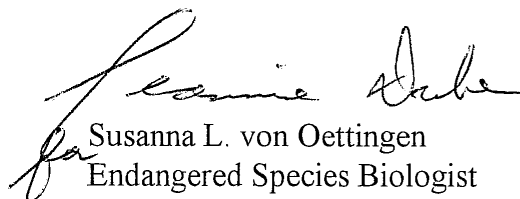
Dear Ms. Weissman:

This letter responds to your August 12, 2003 letter requesting information on the presence of federally-listed and proposed endangered or threatened species in relation to a proposed submarine and upland transmission line for the Cape Wind Project in Barnstable and Yarmouth, Massachusetts. Our comments are provided in accordance with Section 7 of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531-1543).

Based on information currently available to us, piping plovers occur on Kalmus Park Beach and Dunbar Point, Barnstable and Great Island, Yarmouth in the vicinity of the submarine portion of the transmission line. No other federally-listed or proposed threatened or endangered species under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area, with the exception of occasional transient bald eagles (*Haliaeetus leucocephalus*).

Thank you for your cooperation and please contact me at 603-223-2541, extension 22, if we can be of further assistance.

Sincerely yours,

  
Susanna L. von Oettingen  
Endangered Species Biologist  
New England Field Office